









## Polymer for hair-care products

**Patent number:** EP0408311  
**Publication date:** 1991-01-16  
**Inventor:** HAYAMA KAZUhide C O MITSUBISHI (JP); NARAZAKI KANJI C O MITSUBISHI (JP); KAWAGUCHI SIGEOKI C O MITSUBIS (JP)  
**Applicant:** MITSUBISHI PETROCHEMICAL CO (JP)  
**Classification:**  
 - international: A61K7/06; C08F230/08  
 - european: A61K7/06G22D; C08F230/08  
**Application number:** EP19900307528 19900710  
**Priority number(s):** JP19890179811 19890712

### Also published as:

 US5166276 (A1)  
 EP0408311 (A3)  
 EP0408311 (B1)

### Cited documents:

 FR2296402  
 US4693935  
 FR2465236  
 EP0294515  
 WO8805060

[Report a data error here](#)

### Abstract of EP0408311

A polymer suitable for use in hair care products comprising a copolymer comprising (a) a unit of a hydrophilic ethylenically unsaturated monomer such as dimethylaminoethyl methacrylate in a quantity of 15 to 99.9% by weight; (b) a unit of an ethylenically unsaturated monomer having a polysiloxane group such as: <CHEM> in a quantity of 0.1 to 85% by weight; and (c) a unit of an optional hydrophobic unsaturated monomer such as lauryl methacrylate in a quantity of 0 to 84.9% by weight. i

Data supplied from the **esp@cenet** database - Worldwide